

Converting Colors

Hex(682C9E)

Have a look what the booklet for
Hex(682C9E) contains.

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Color

Hex(682C9E)

Conversions

Conversions Part 1

Format	Color
Hex	682C9E
RGB	104, 44, 158
RGB Percent	41%, 17%, 62%
CMY	0.5922, 0.8275, 0.3804
CMYK	0.34, 0.72, 0.00, 0.38
HSL	272°, 56%, 40%
HSV	272°, 72%, 62%
XYZ	12.7812, 7.2130, 33.0664
YIQ	74.9360, -0.8340, 48.1740

Conversions

Conversions Part 2

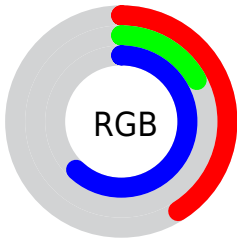
Format	Color
R_{YB}	104, 44, 158
Decimal	6827166
CIE _{Lab}	32.29, 48.03, -51.18
CIE _{LCh}	32, 70.185, 313.180
Yxy	7.2130, 0.2409, 0.1359
Android (android.graphics.Color)	4285017246 (0xFF682C9E)
YUV	74.9360, 40.9506, 25.4891
Hunter-Lab	26.8571, 37.9473, -54.1976

Details

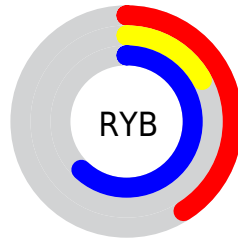
The Hex color **682C9E** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **629E2C**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **9F5FD5**, and **31006A** is the 20% darker color. If you saturate the color by 10%, you get **611C9E**, and if you desaturate by 10%, it is **6F3C9E**.

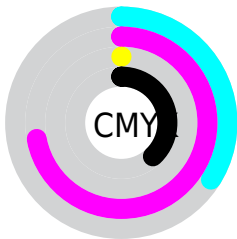
Distribution



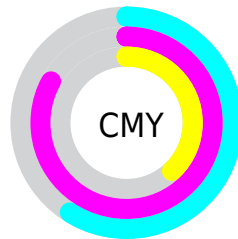
- Red (41%)
- Green (17%)
- Blue (62%)



- Red (41%)
- Yellow (17%)
- Blue (62%)



- Cyan (34%)
- Magenta (72%)
- Yellow (0%)
- Black (38%)



- Cyan (59%)
- Magenta (83%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 682C9E changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 682C9E by changing the saturation by 10% instead.

682C9E

682C9E

FFFFFF

4D1083

9F5FD5

31006A

BC79F2

160051

D994FF

000039

F6AFFF

000222

FFCBFF

000008

FFE8FF

000000

682C9E

682C9E

611C9E

6F3C9E

■ 590C9E

■ 774C9E

■ 53009E

■ 7E5B9E

■ 866B9E

■ 8D7B9E

■ 958B9E

■ 9C9B9E

■ A4AA9E

■ ABBA9E

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



004CBA



682C9E



9B006D

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



682C9E



773E00



006164

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



682C9E



629E2C

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



006029



682C9E



475100

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



682C9E



981400



005B00



006198

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



682C9E



A70049



005B00



006151

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



682C9E



B9A1CF



2C639E



5C4D69



E8E8E8



696969

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



682C9E



791BCF



9E2C9C



4B474F



4B008F



08000F

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



9E2C62



CF1B70



2C9E2E



4F474B



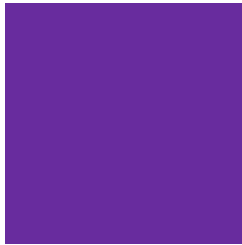
8F0044



0F0007

Previews

White Background



This preview shows how the Hex color 682C9E looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

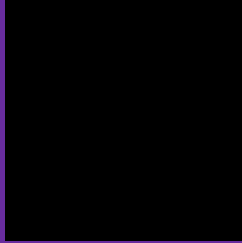
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 682C9E Background



This preview shows how black text looks on a background with the Hex color 682C9E.



This preview shows how white text looks on a background with the Hex color 682C9E.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Trichromacy

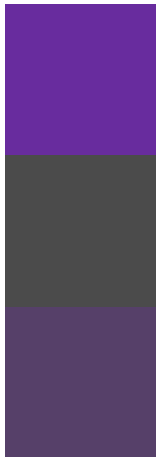


Original Color
682C9E

Protanomaly
263F9D

Tritanomaly
5E3E6B

Monochromacy



Original Color
682C9E

Achromatopsia
4B4B4B

Achromatomaly
564069

CSS Examples

Text

The CSS property to change the color of the text to Hex 682C9E is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #682C9E looks like.

```
.text, #text, p{  
    color:#682C9E  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #682C9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #682C9E
}
```

Border

The CSS property to change the border of an element to Hex 682C9E is called "border". The border property can be set on classes, ids or directly on the HTML element.

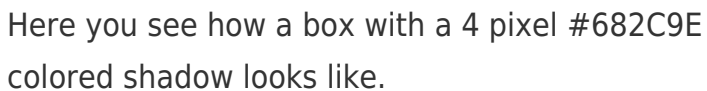
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#682C9E }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#682C9E }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #682C9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #682C9E; -webkit-box-shadow:4px 4px  
4px 4px #682C9E; box-shadow:4px 4px 4px  
4px #682C9E }
```

Background

The CSS property to change the background color of an element to Hex 682C9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#682C9E }
```

If only the background color should be changed can be used:

```
.background{ background-color:#682C9E }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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